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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/769,380	01/26/2001	Shinichi Nojima	1614.1119	5766

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EXAMINER
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SAIN, GAUTAM

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 01/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/769,380	NOJIMA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Gautam Sain	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 12 August 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

2) The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**1-2) Claims 1,2,4,8,11,14,15,16, 17,18, 19, 20,21, 22, 23,24 rejected under 35 U.S.C. 103(a) as being unpatentable over by Ceantar**

**(<http://www.ceantar.org/dicts/search.html>. (Published April 1998), in view of Hatakeyama et al (US 5469354, issued Nov 1995).**

**Regarding claims 1,4,8,11,14,15,16,17,18,19,20,21,22,23,24, Ceantar teaches**  
*detecting section detecting a keyword which is specified by one or more input*  
*characters (ie., 'search for' field) and*

*a display section displaying dictionaries when the keyword indicating registered*  
*dictionaries when the keyword is detected by said detecting section (ie., section under*  
*'select the dictionary (or dictionaries) to search')* and

*an issuing section issuing a search request.... Dictionary search program (ie.,*  
*button 'Start Search');*

**Ceantar does not teach, but Hatakeyama teaches**

*From a character string that is being input by the character input function (ie., search for a given search term in a character string for inclusion of the term in the string)(col 3, lines 50-65)(ie., inputted search term)(col 3, lines 24-30);*

*Keyword detecting (ie., search facility that checks for inclusion of word)(col 3, lines 50-65).*

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ceantar to include searching for a search term in a character string as taught by Hatakeyama, providing the benefit of speeding up the full text search of a large scale text database (col 3, lines 40-46) with Japanese text (col 4, line 37; col 7, lines 14-21).

**Regarding claim 2**, Ceantar teaches “issuing section ... define the input characters” (ie., user can check in the check box next to the plurality of dictionaries to search for the word indicted in the ‘search for’ window).

Ceantar does not expressly teach, but Hatakeyama teaches

*Of the character string (ie., character strings ...)(col 3, lines 60-65).*

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ceantar to include character string as taught by Hatakeyama, providing the benefit of speeding up the full text search of a large scale text database (col 3, lines 40-46) with Japanese text (col 4, line 37; col 7, lines 14-21).

**2-2) Claims 5,9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ceantar (as cited above), in view of Brown et al (US 6665838 B1, filed Jul 30, 1999).**

**Regarding claim 5,9**, Ceantar does not expressly teach, but Brown teaches “a registering section... interactive process” (ie., server sends the page and the set of thumbnails to the client ... responsive to finding the user criteria on a linked page within the set of linked pages, the server modifies the page to indicate the presence of the user criteria on the linked page and sends a modified page to the client)(col 2, lines 23-42).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ceantar to include a server retrieving the page and generating a set of thumbnails in the database and sending the page and the set of thumbnails to the client as taught by Brown, providing the benefit a search engine for internet users to enable them to make more informed decisions about which link to follow and present a method for presenting content from the page in a distributed database upon receiving a request from a client for a page (col 2, lines 15-21; lines 24-26).

**2-3) Claims 6, 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ceantar (as cited above), in view of Brandt et al (US 6377993 B1, filed Sep 24, 1998).**

**Regarding claims 6, 12**, Ceantar does not expressly teach, but Brandt teaches *displays a program (including conversion program) ... cannot be started(including cannot convert)*(ie., metadata format ...if errors are found in the input, the RM returns an error message to the requesting client; fail due to insufficient or missing data .. result in error messages being sent to the report manager or local log when request

message cannot be parsed due to bad data or invalid format.. invalid request format or parameter... )(col 15, lines 1-12; col 25, lines 51-62).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ceantar to check for format errors in the input and return an error message to the client for bad or invalid format as taught by Brandt, providing the benefit of an internet/intranet/web-based data management tool that provides a common GUI enabling the requesting of various types of data, enables customers to access relevant data information timely, rapidly and accurately through the GUI client interface, enable secure initiation of data reports (Brands, abstract section).

**2-4) Claims 3,7,10,13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ceantar (as cited above), in view of Tran et al (US 6157935, Filed Dec 17, 1996), further in view of Hatakeyama (as cited above).**

Regarding claim 3, 7, 10, 13, Ceantar does not expressly teach, but Tran teaches an *ending section ... input characters* (ie., stop button cancels the loading of a page)(col 21, lines 29-30);

Ceantar in view of Tran does not expressly teach, but Hatakeyama teaches *Of the character string* (ie., fragmental character strings resulting from the decomposition ... character strings)(col 3, lines 64-65).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Ceantar to include a stop button to cancel the loading of a page as taught by Tran, providing the benefit of significant productivity gains in modeling complex data (Tran, col 1, lines 60-65) for remote data access and management

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systems (title) and enhance the efficiency of field personnel (col 2, lines 45-50) using a graphical user interface with icons and menus across the top for retrieval purposes, which guide the user through cyberspace in a linear manner, where the user is not hampered by delays on-line (col 21, lines 23-49), further to include character strings as taught by Hatakeyama, providing the benefit of speeding up the full text search of a large scale text database (col 3, lines 40-46) with Japanese text (col 4, line 37; col 7, lines 14-21).

### ***Response to Arguments***

Applicant's arguments with respect to claim 1-24 have been considered but are moot in view of the new ground(s) of rejection. Examiner has included the Hatakeyama reference to teach portions of the claims dealing with character strings and keywords.

Applicant argues (on page 11) that Examiner is advancing unsupported contentions. The Applicant does not specifically any reasons for the assertion and thus the Examiner disagrees with the applicant. Examiner has met the prima facie burden of obviousness.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within


TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gautam Sain whose telephone number is 571-272-4096. The examiner can normally be reached on M-F 9-5 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

GS  
GS

  
SANJIV SHAH  
PRIMARY EXAMINER